

FIG. 1

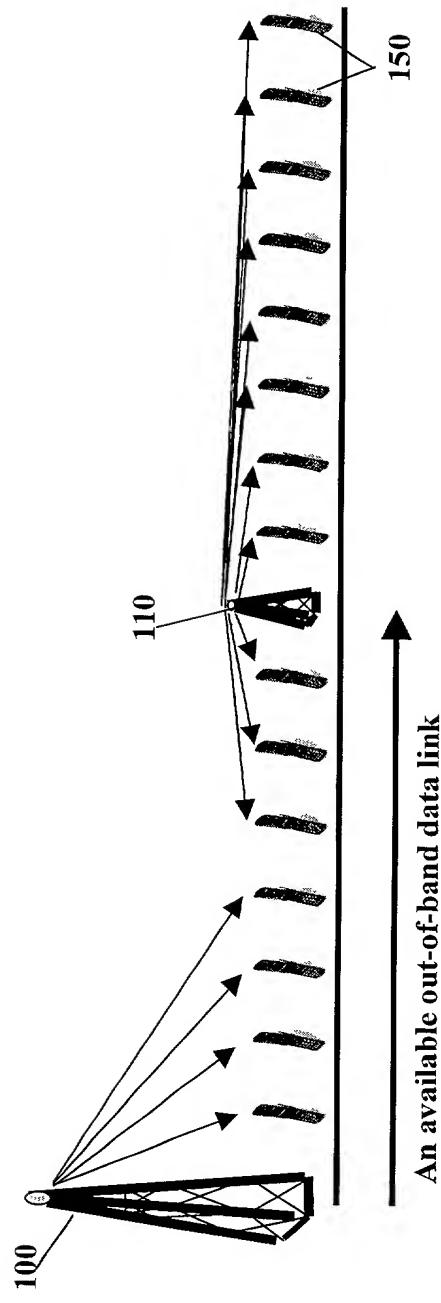


FIG. 2

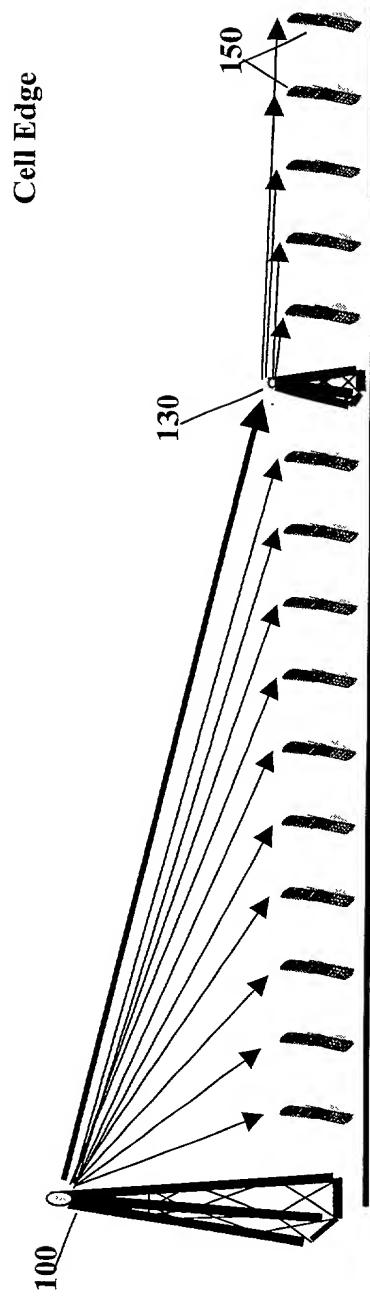


FIG. 3

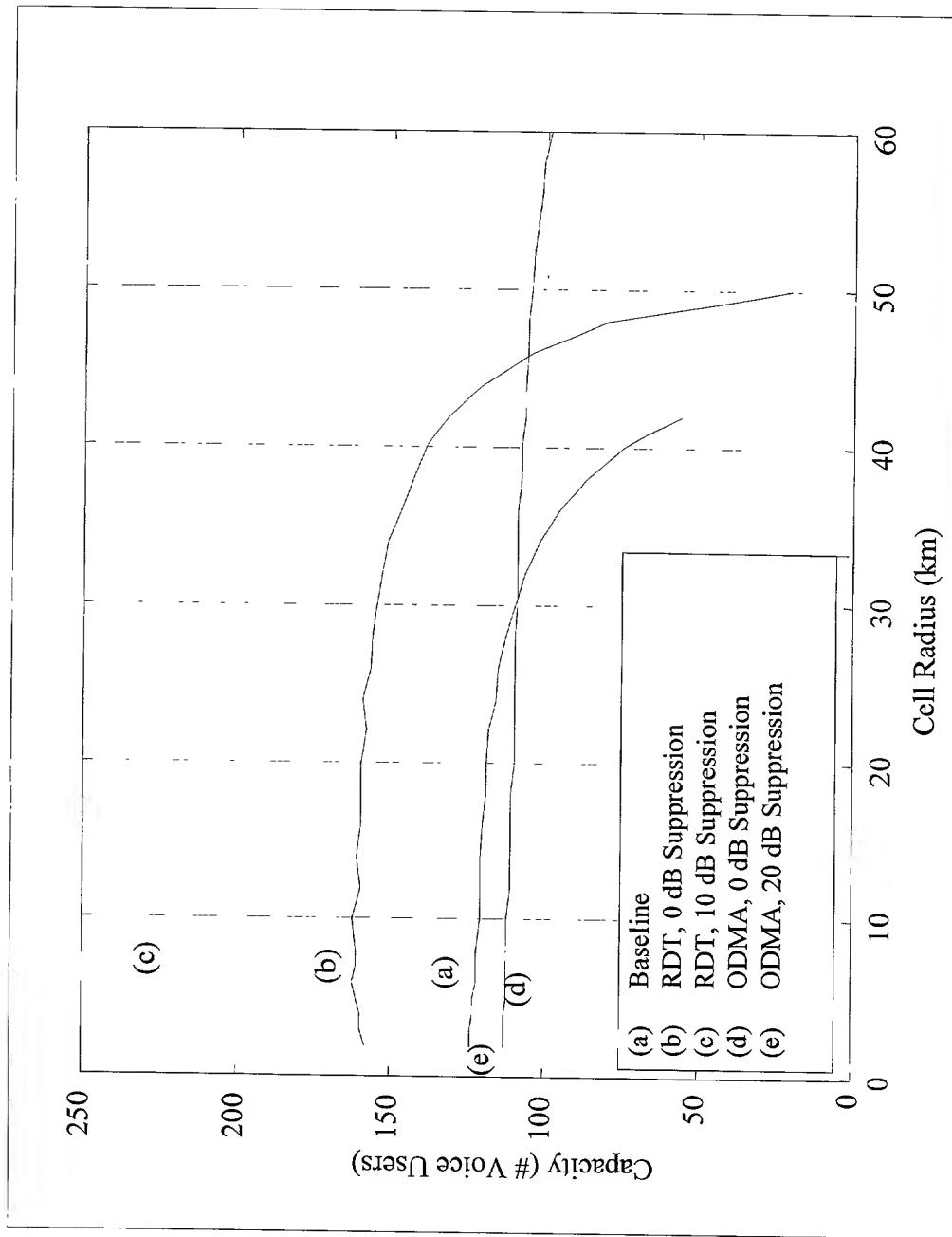


FIG. 4

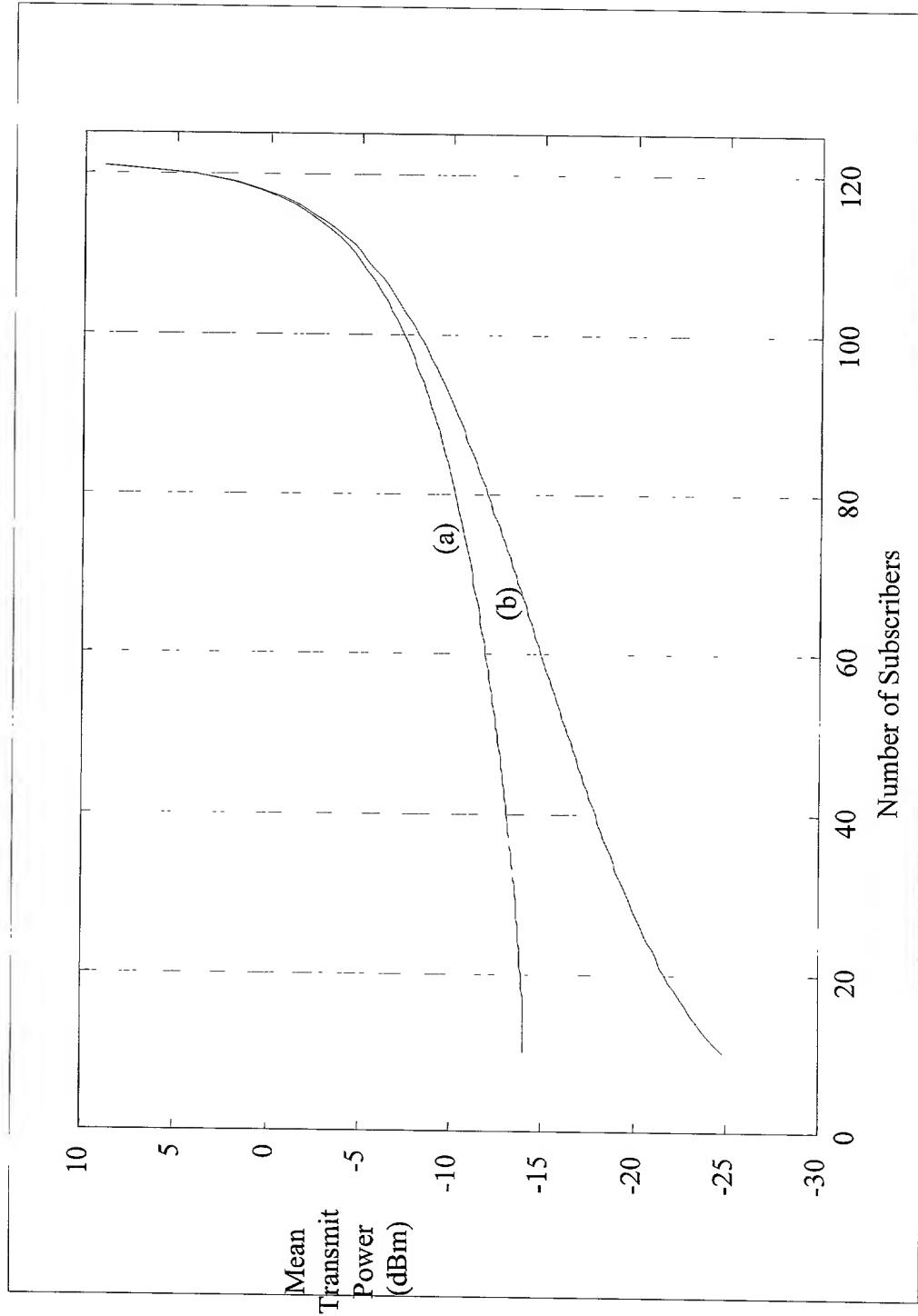


FIG. 5

Subscriber Assignment Pattern
for a typical cell simulation

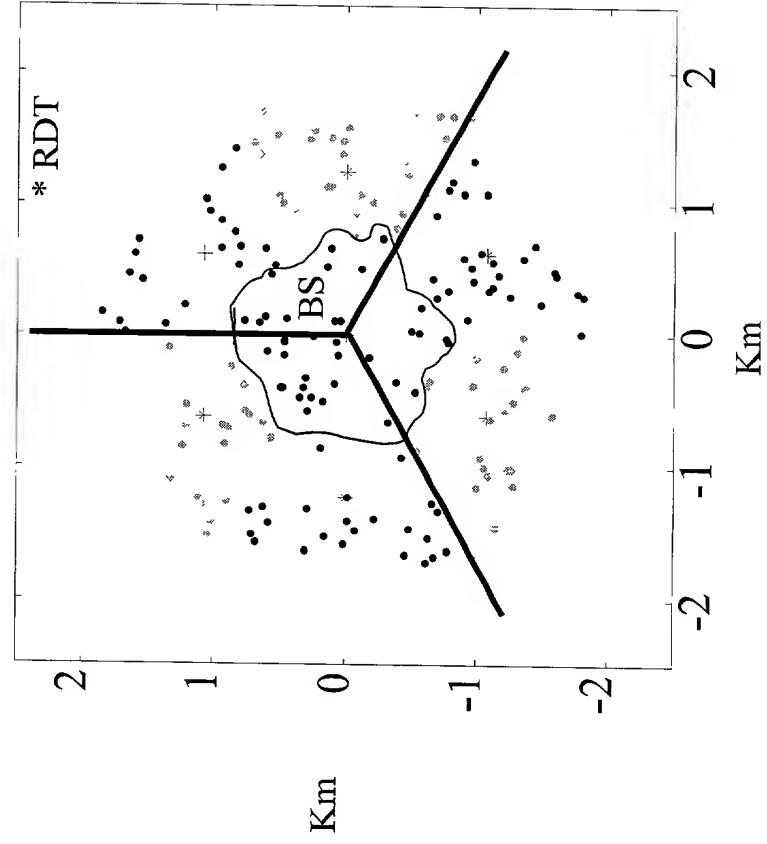


FIG. 6

Simulated Capacity
($< 5\%$ Unsatisfied Users/Service)

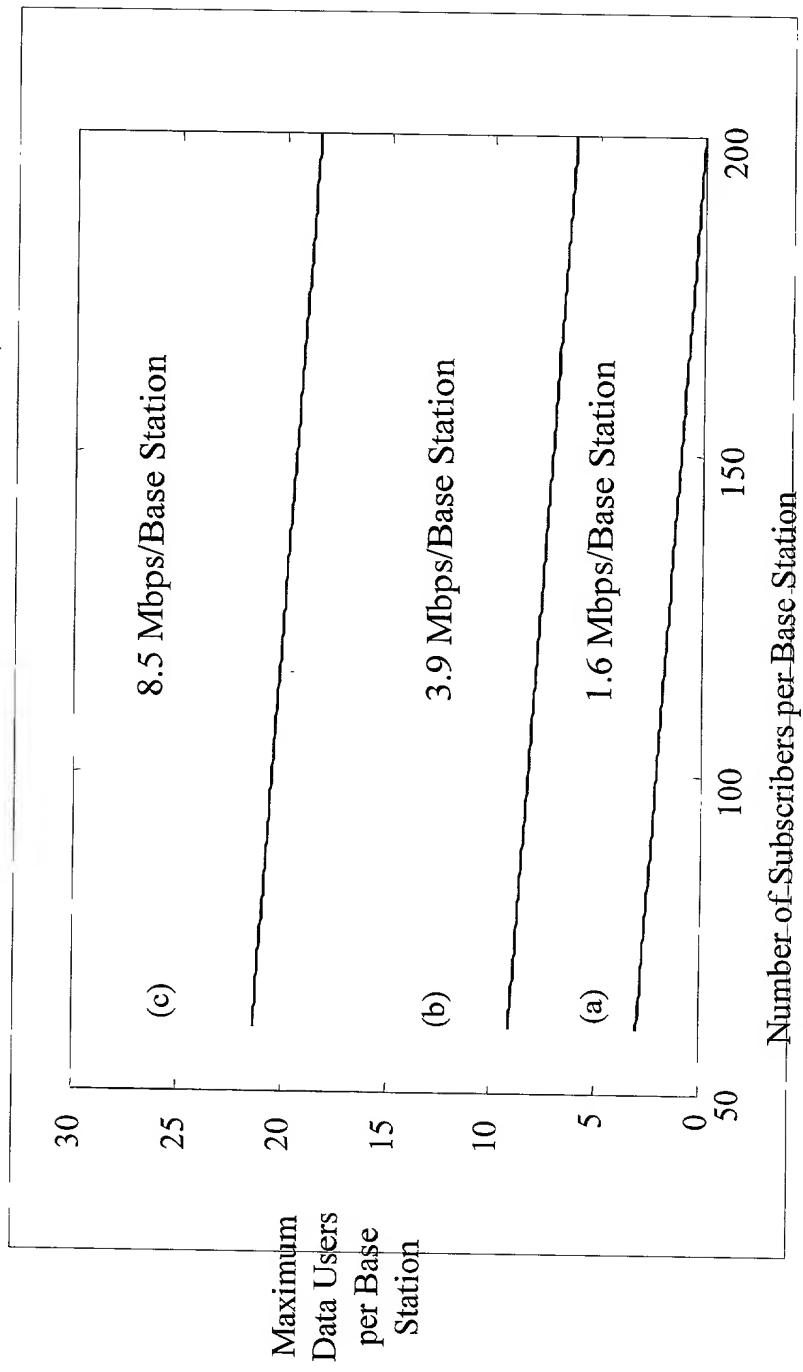


FIG. 7

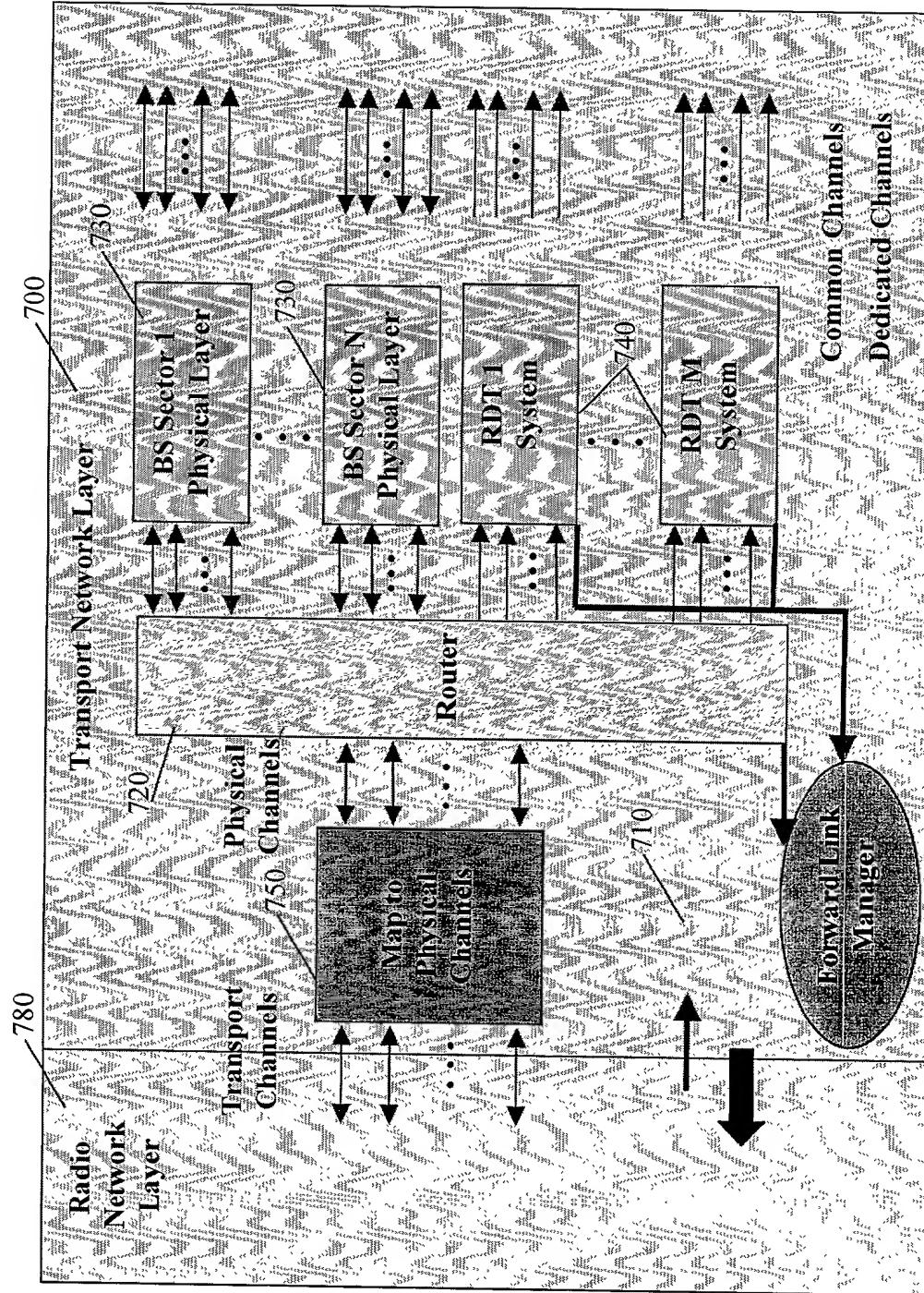


FIG. 8

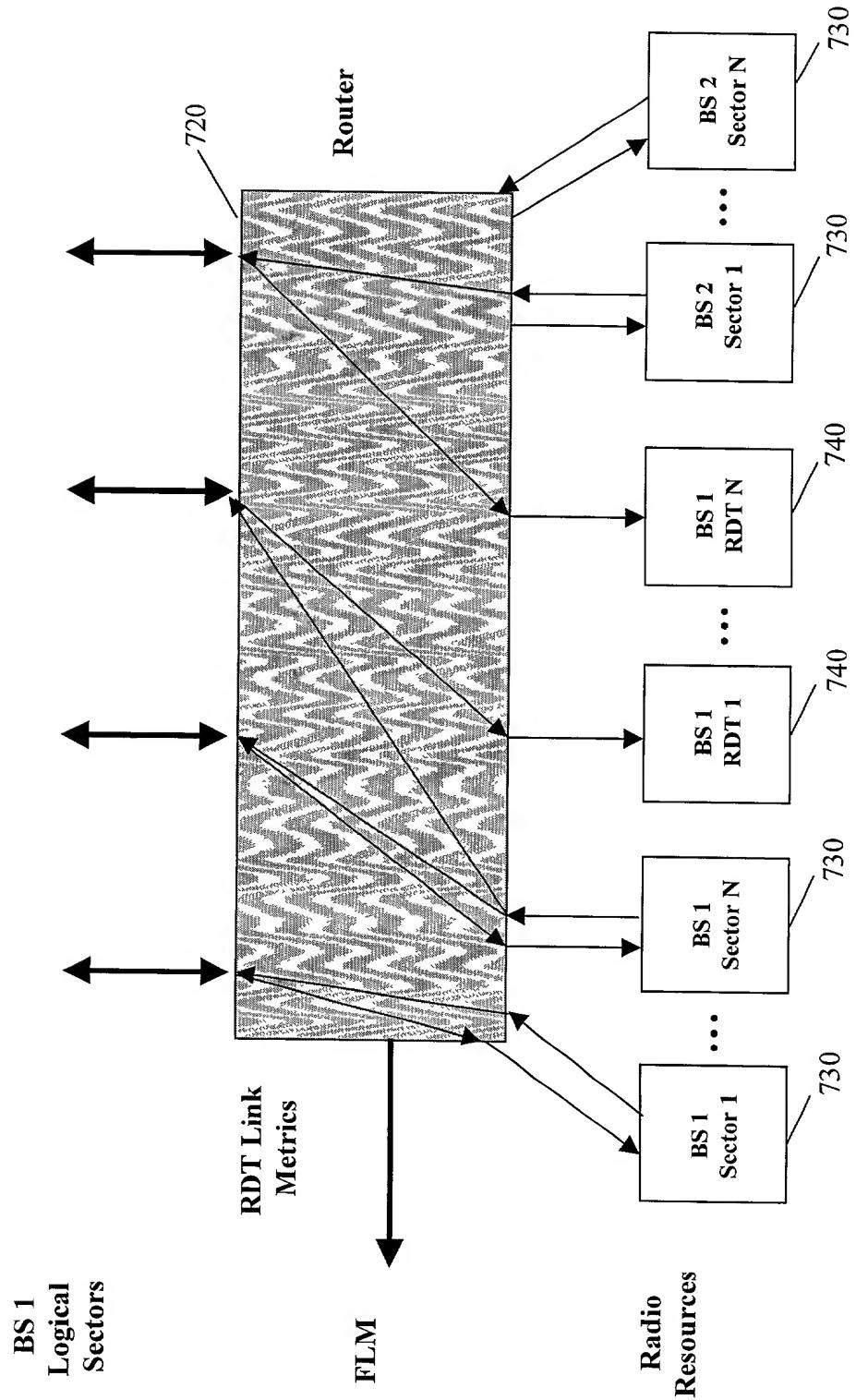


FIG. 9

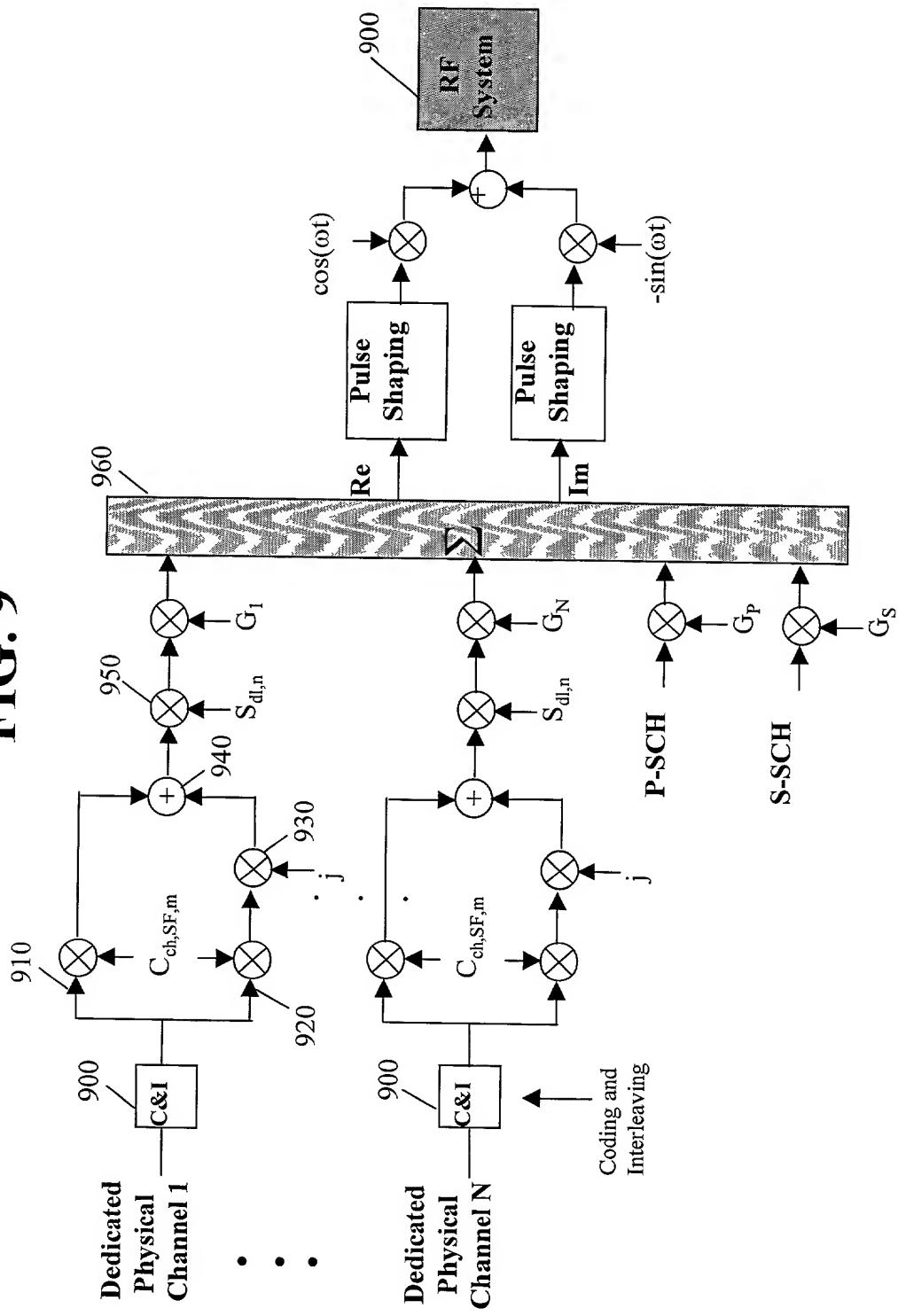


FIG. 10

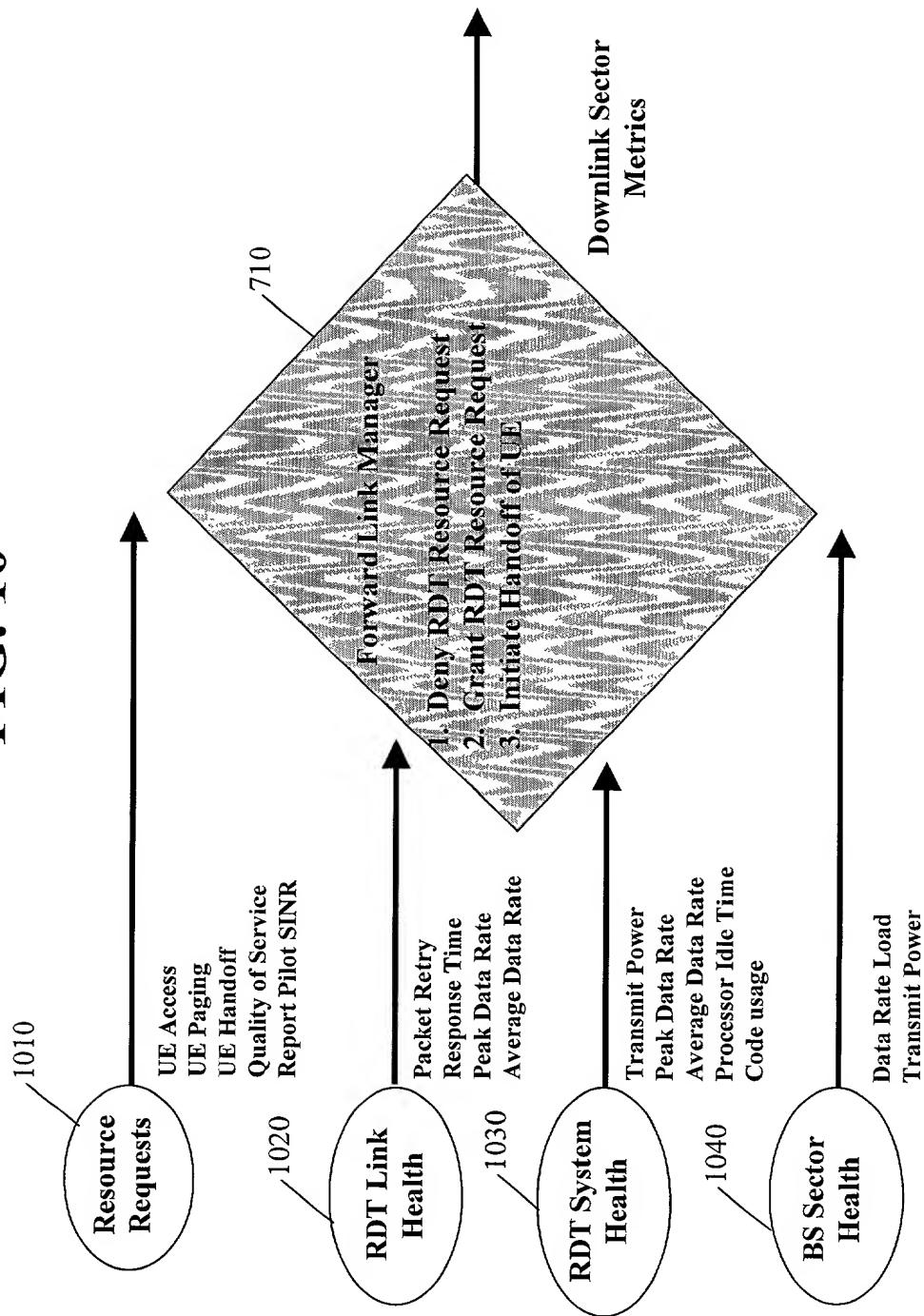


FIG. 11

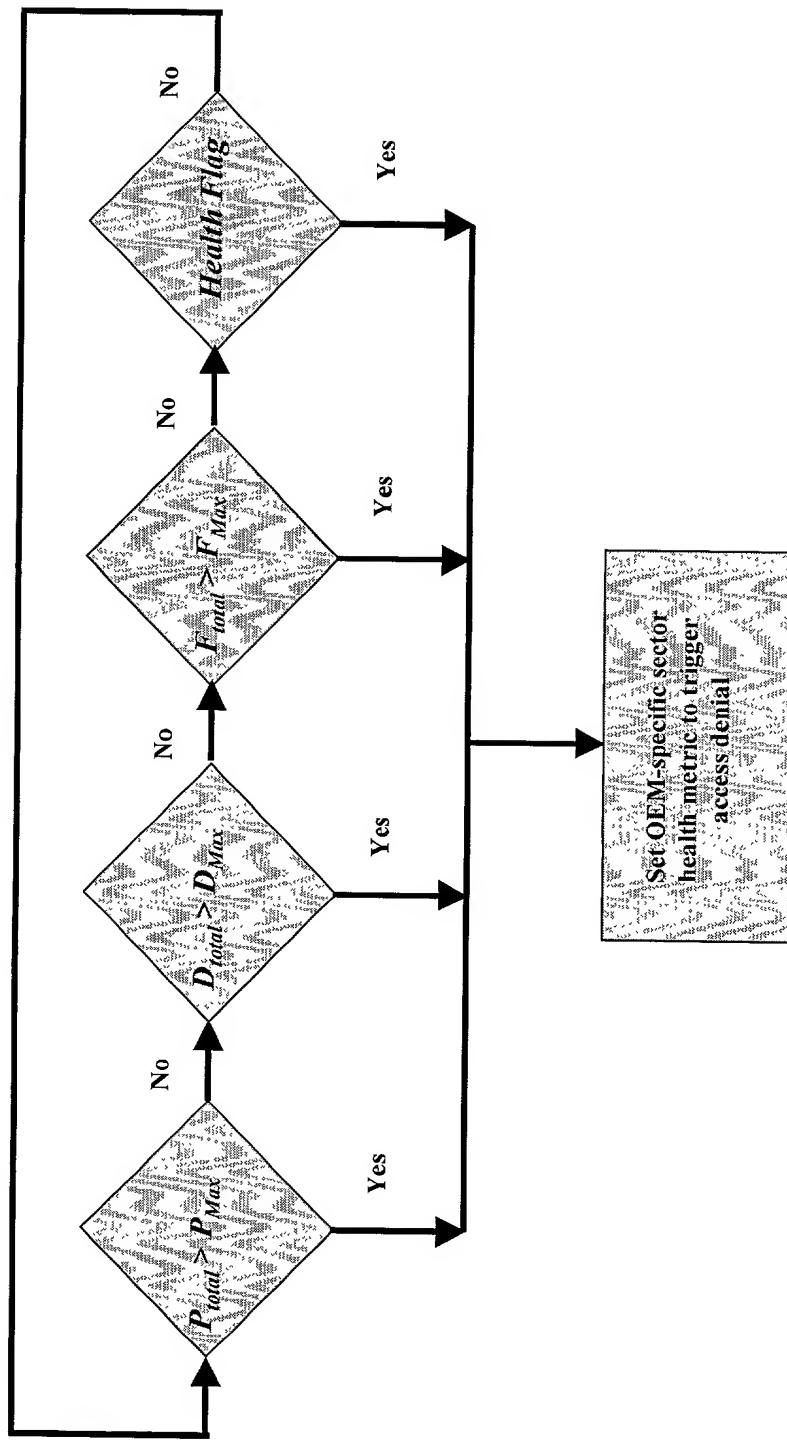


FIG. 12

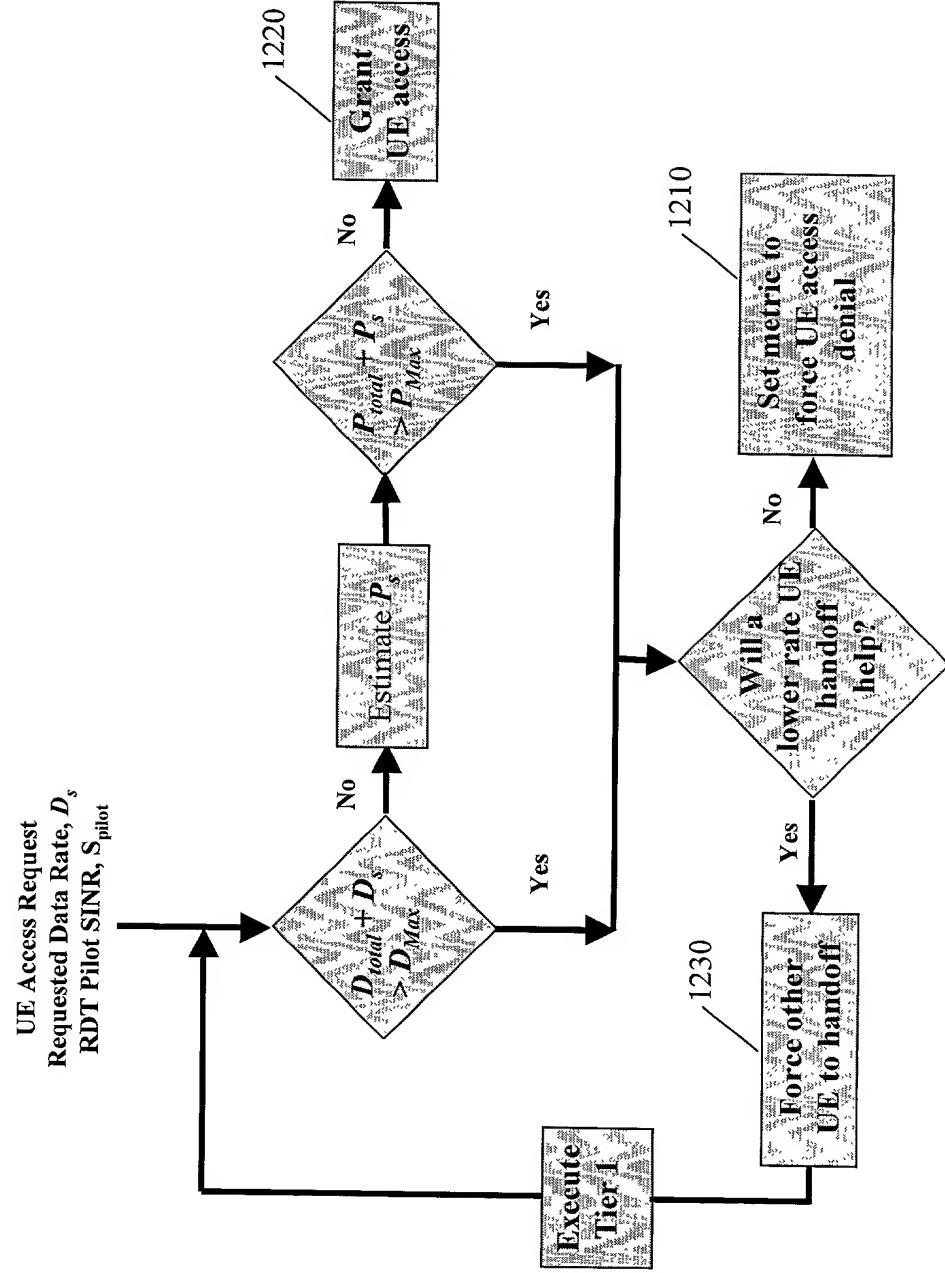


FIG. 13

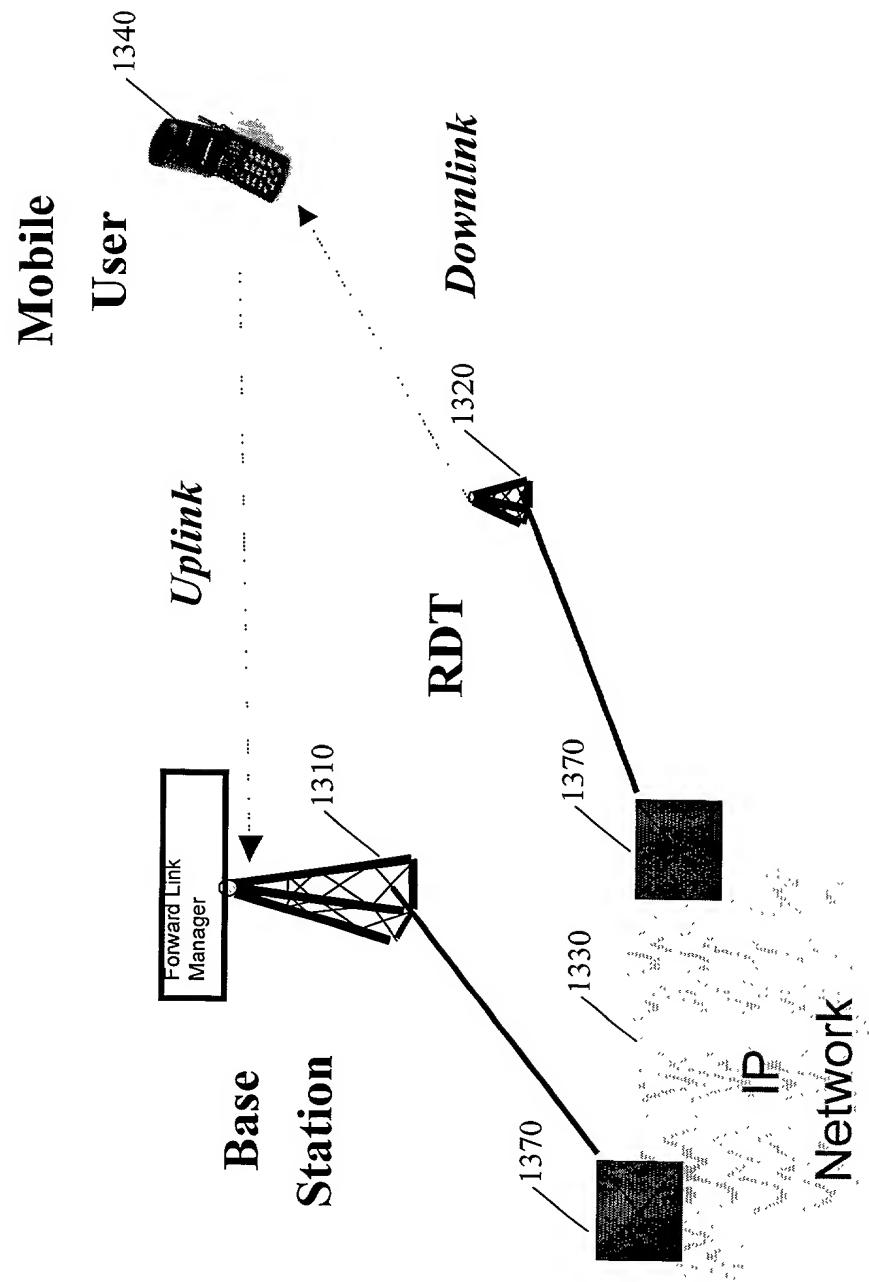


FIG. 14

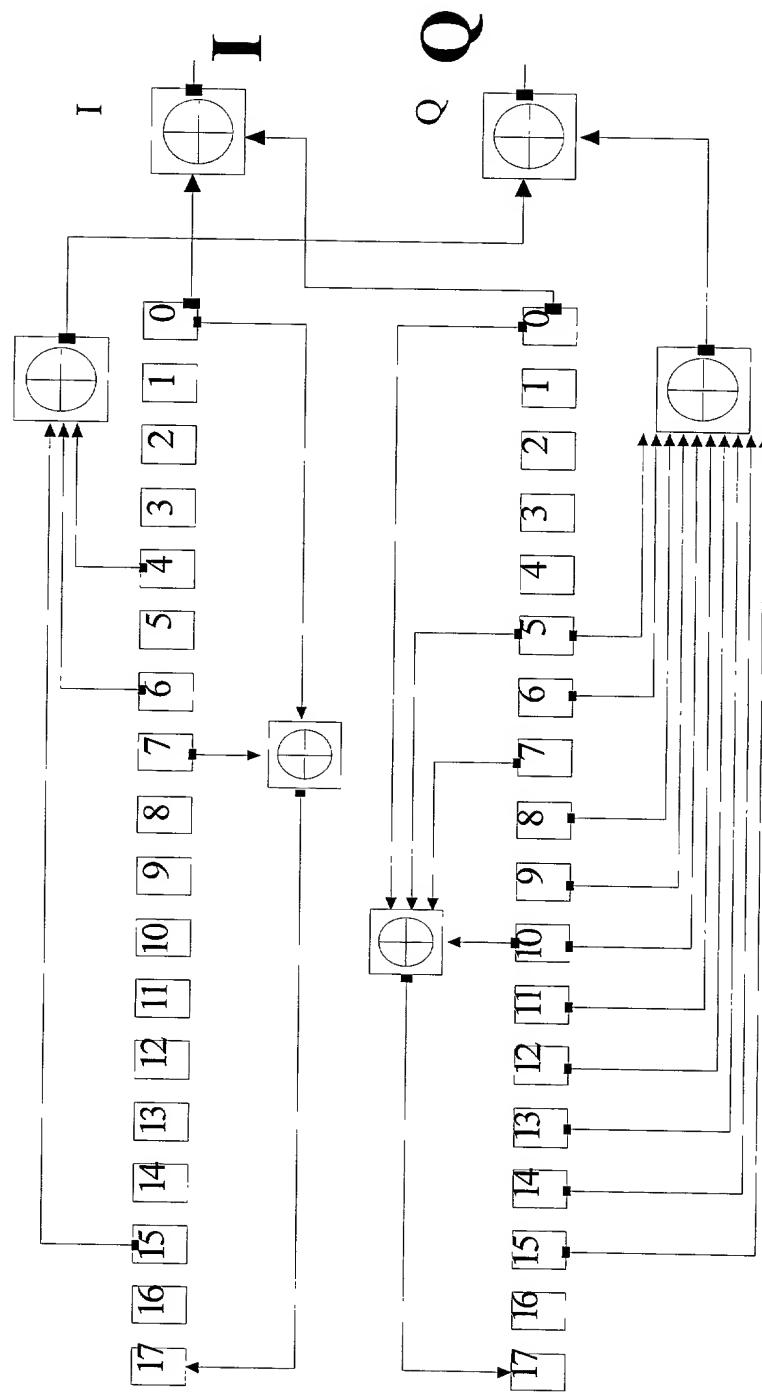
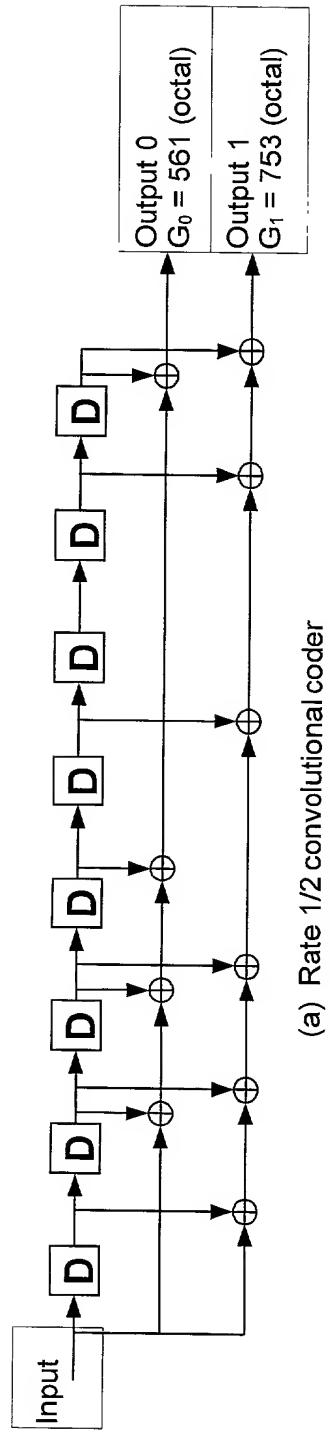
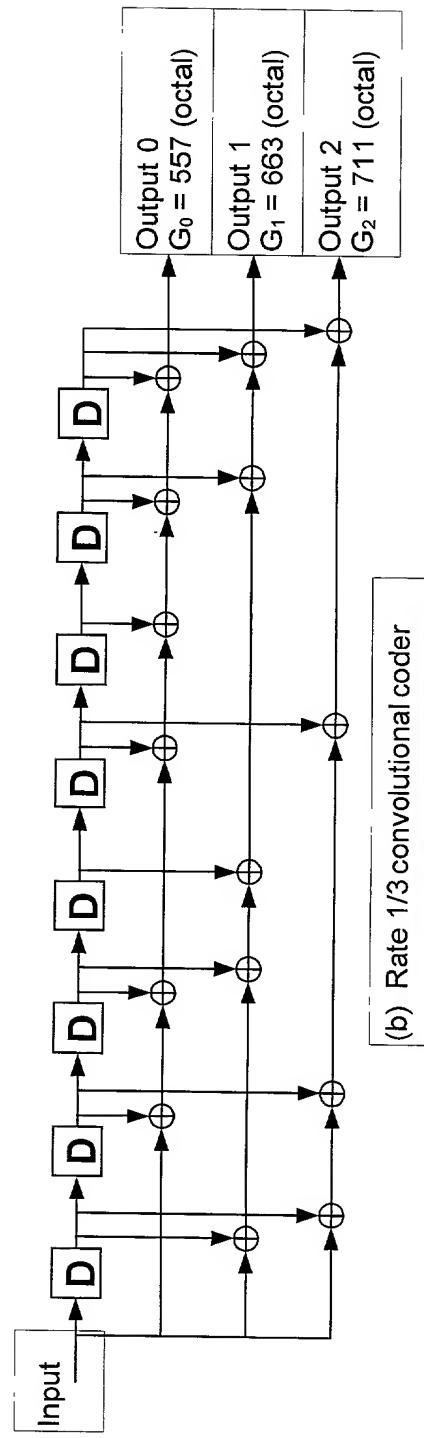


FIG. 15a



(a) Rate 1/2 convolutional coder

FIG. 15b



(b) Rate 1/3 convolutional coder

FIG. 16

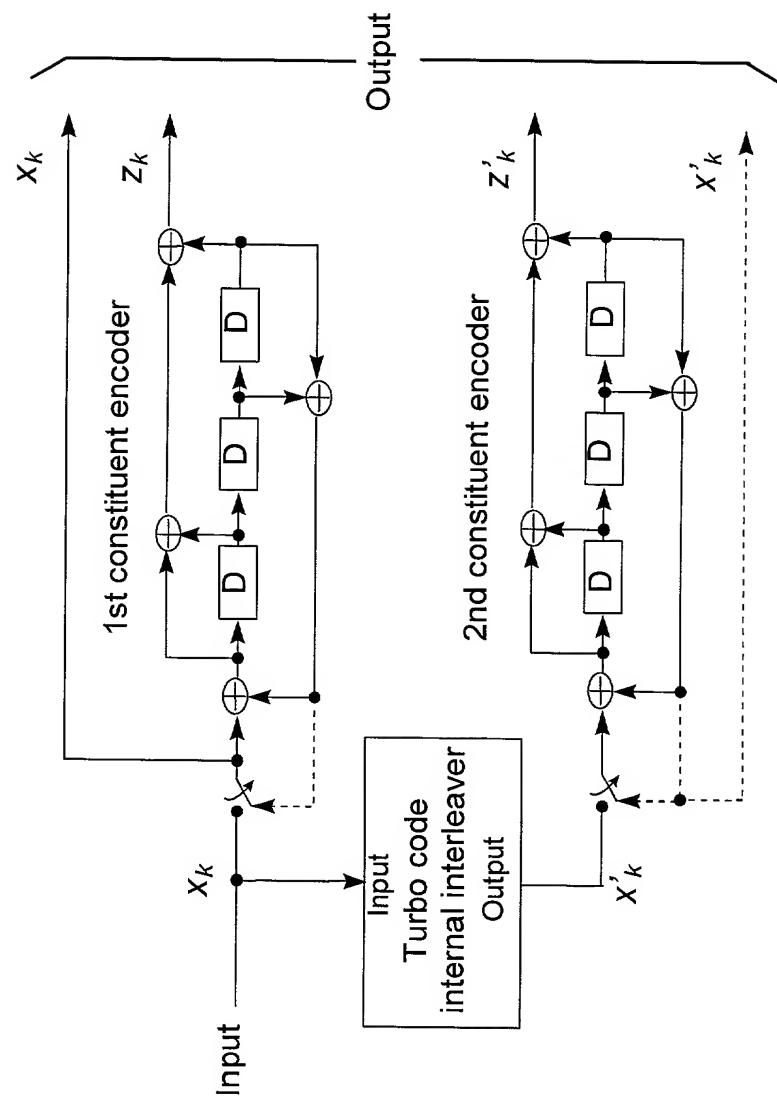


FIG. 17

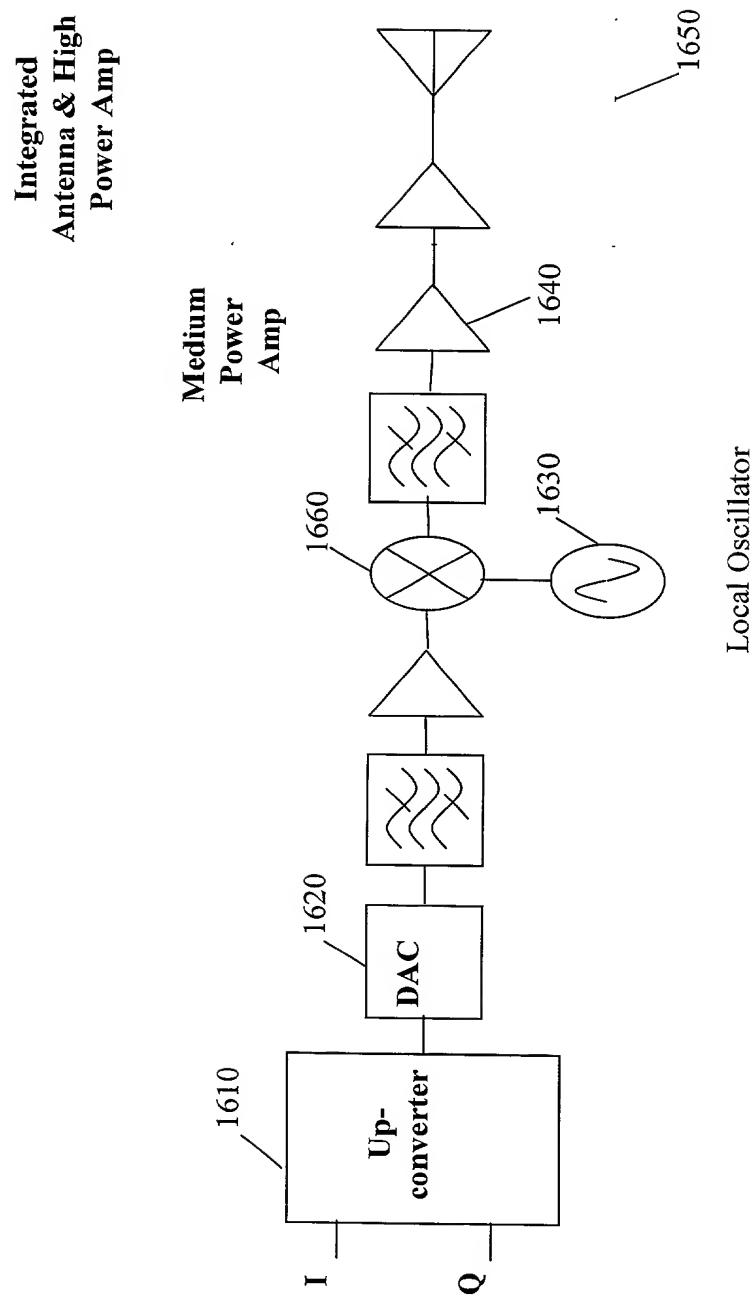


FIG. 18

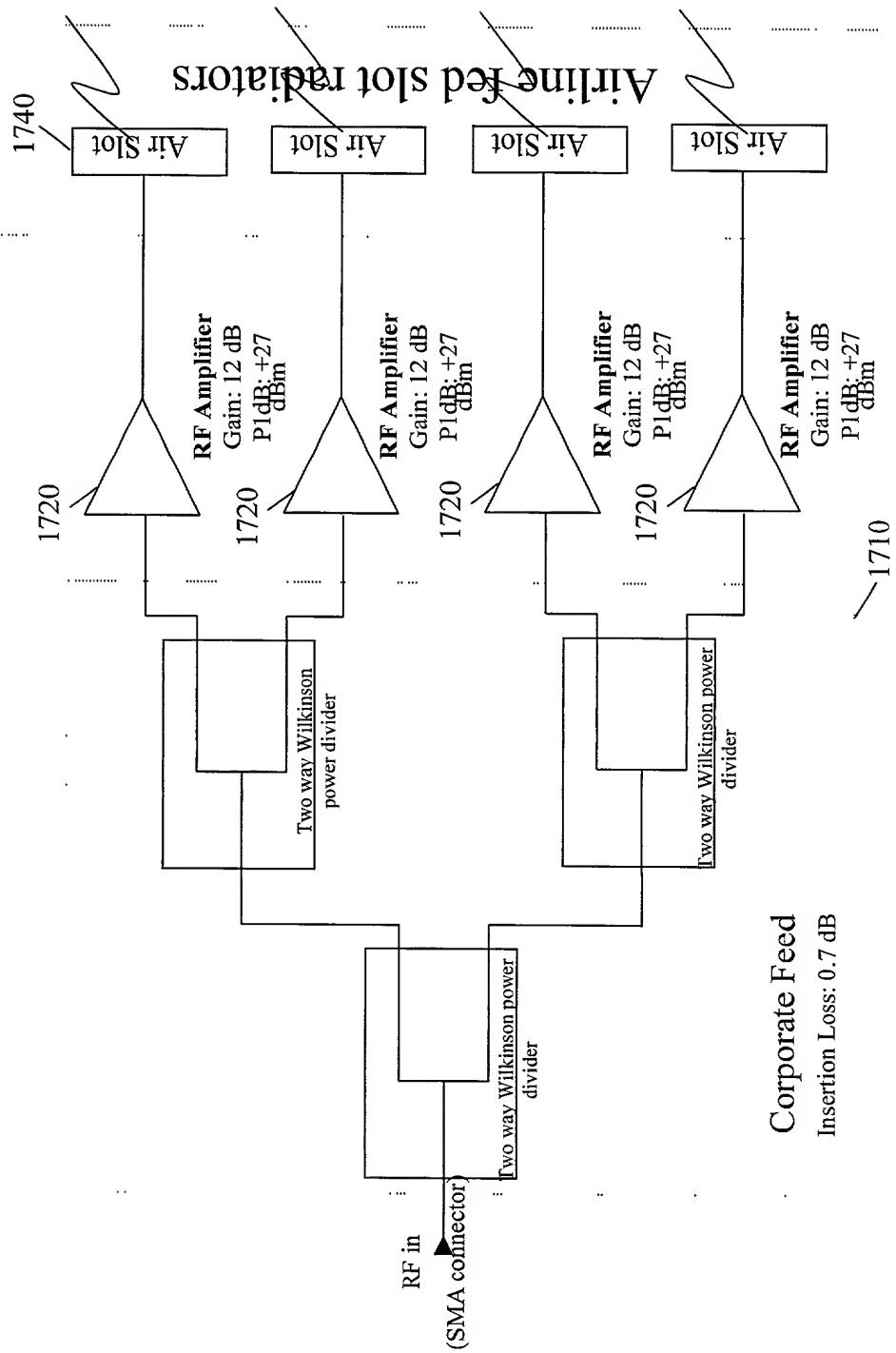


FIG. 19a

Air Slot in top ground plane

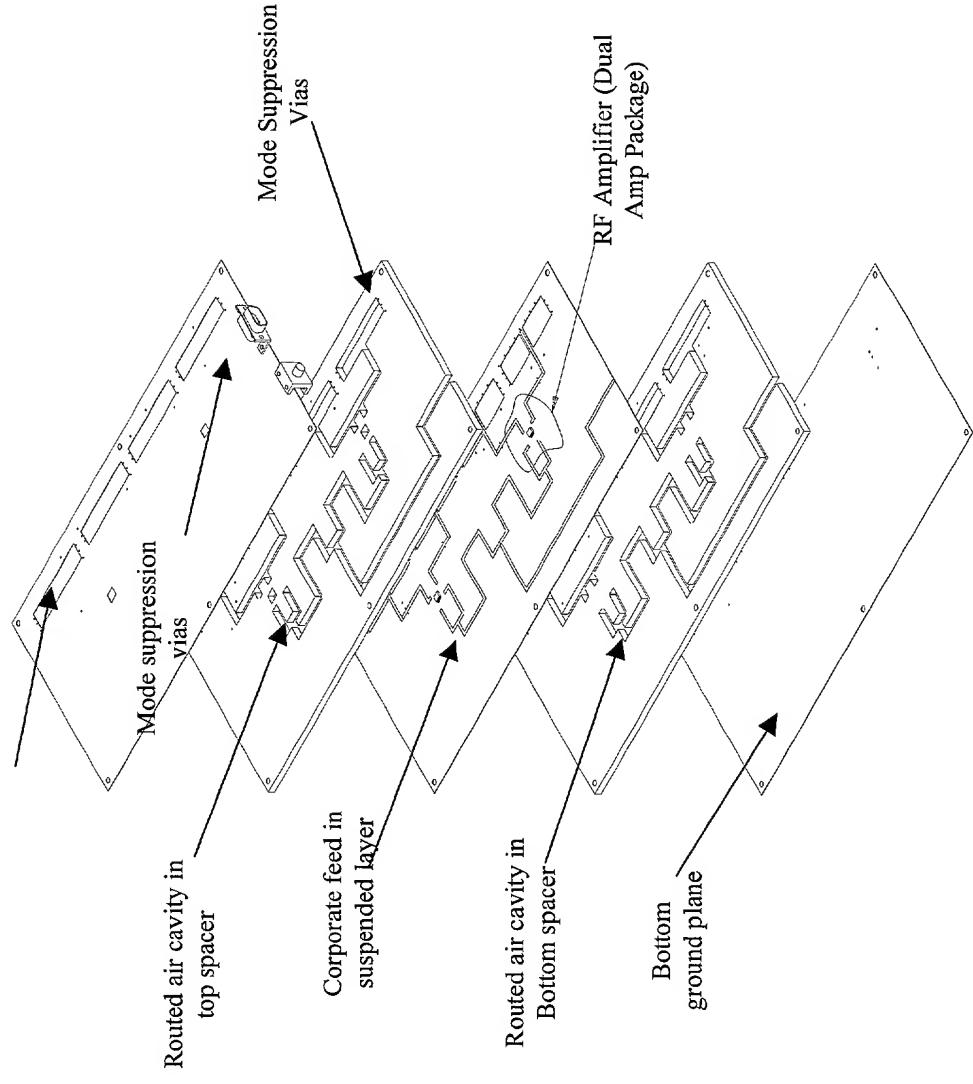


FIG. 19b

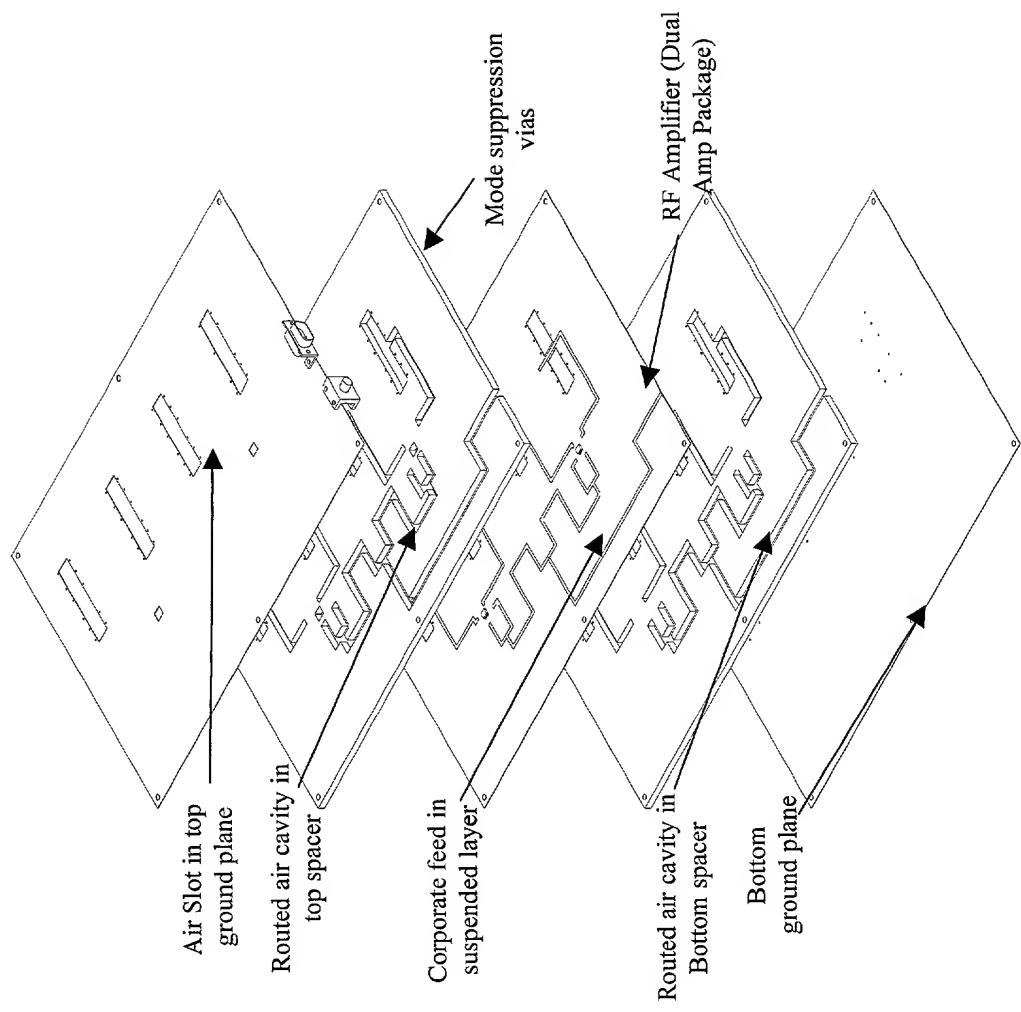


FIG. 20

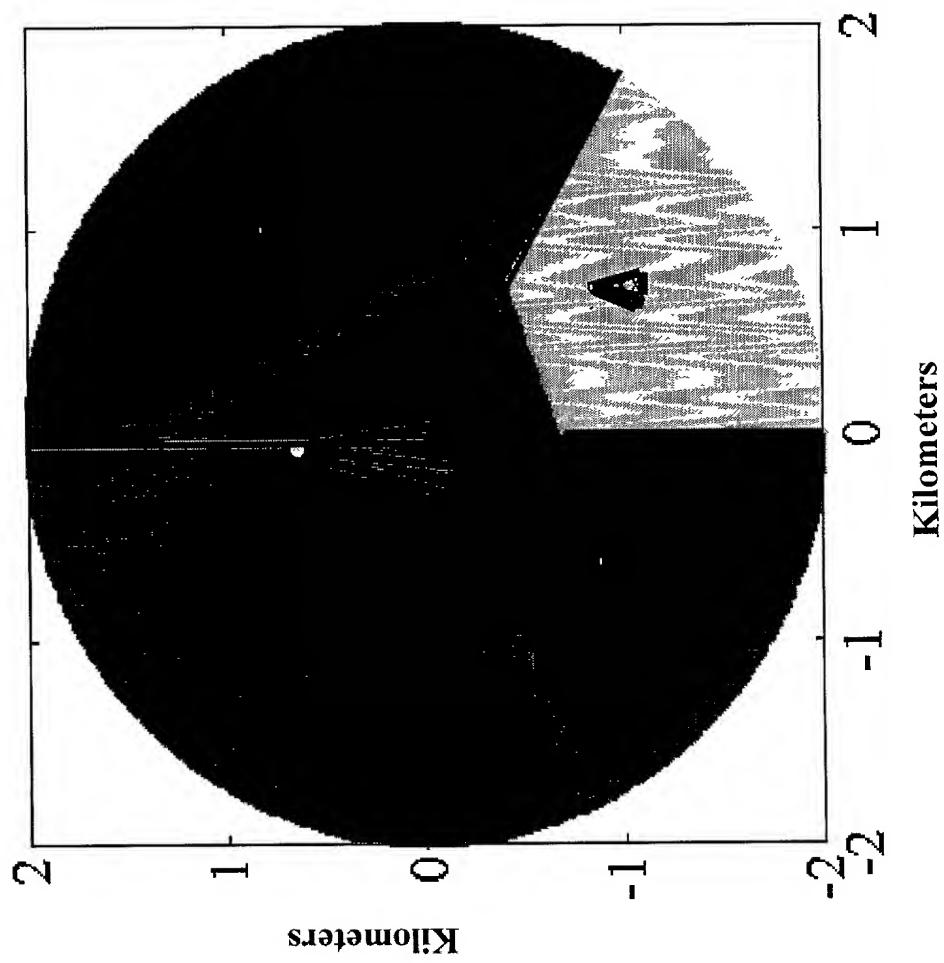


FIG. 21

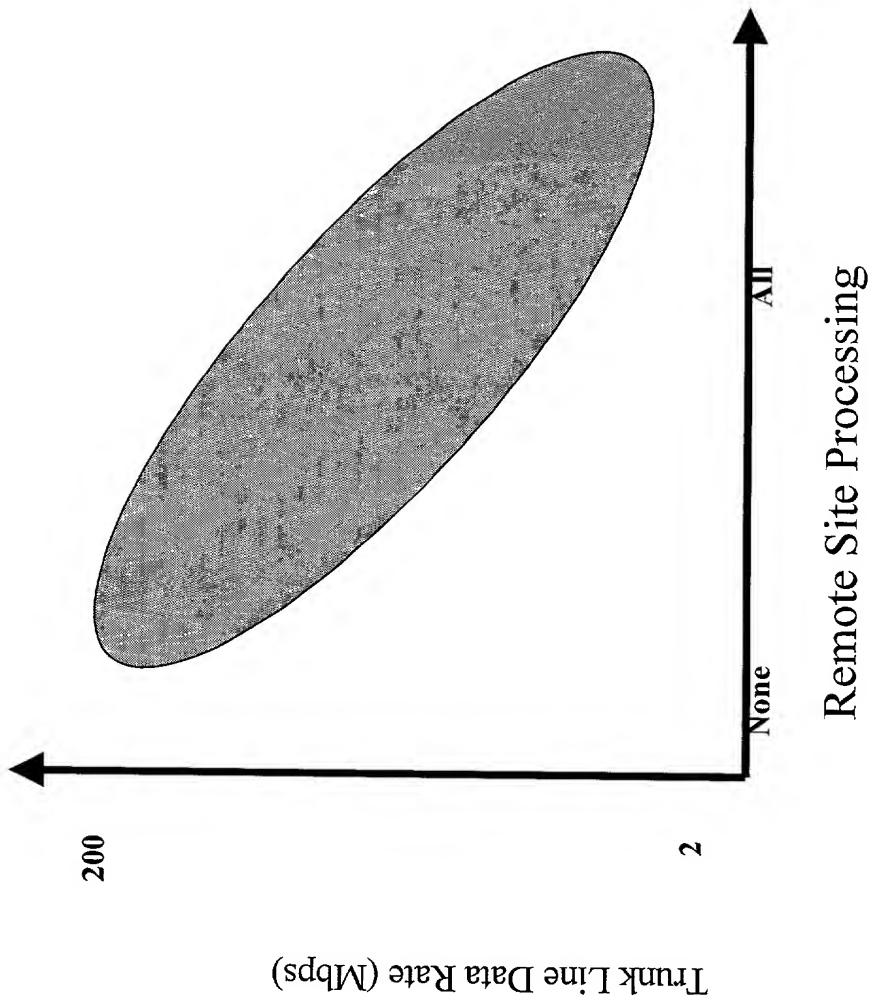


FIG. 22

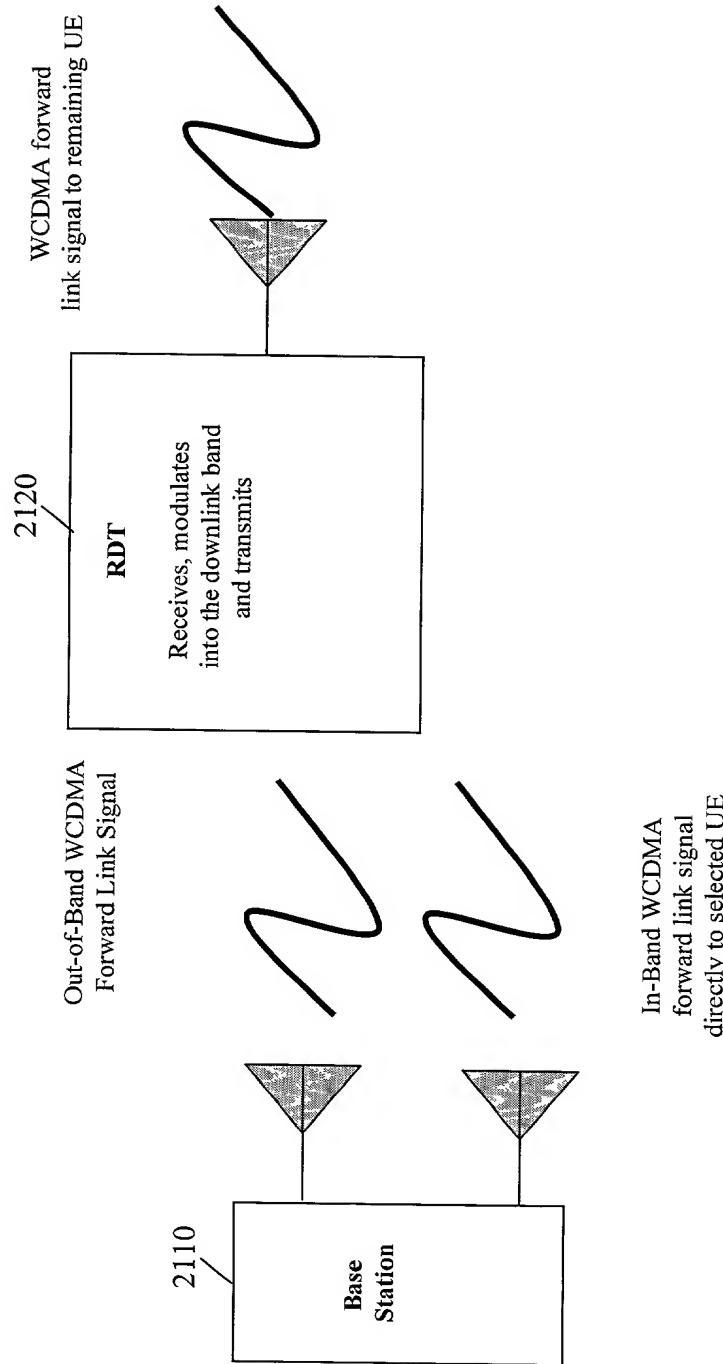


FIG. 23

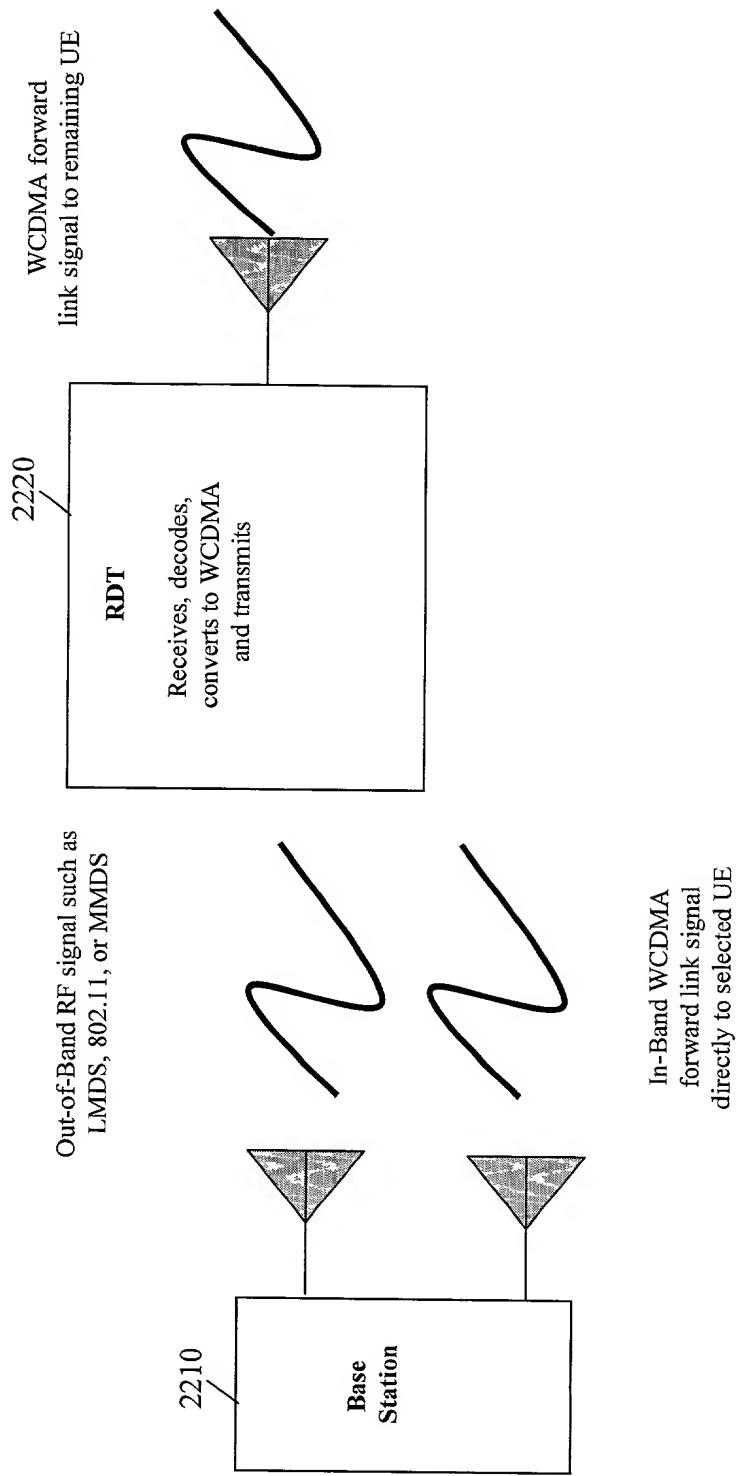


FIG. 24

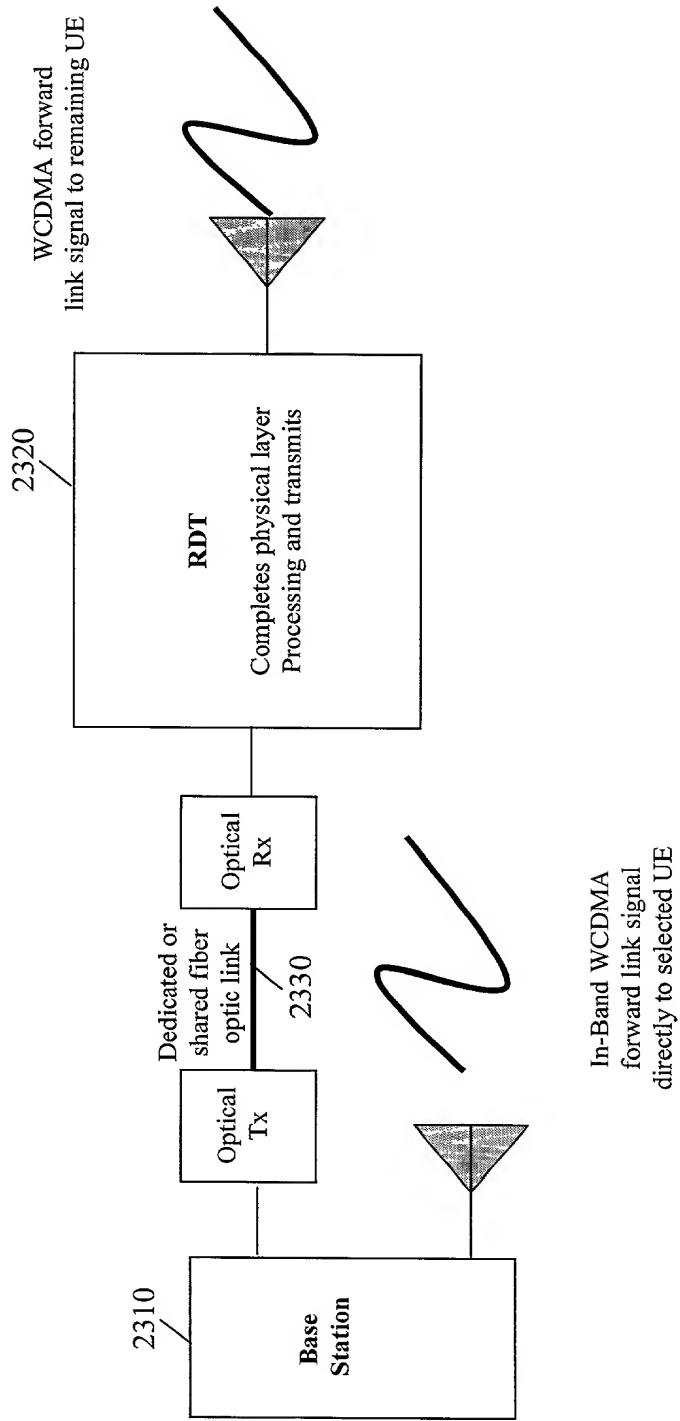


FIG. 25

